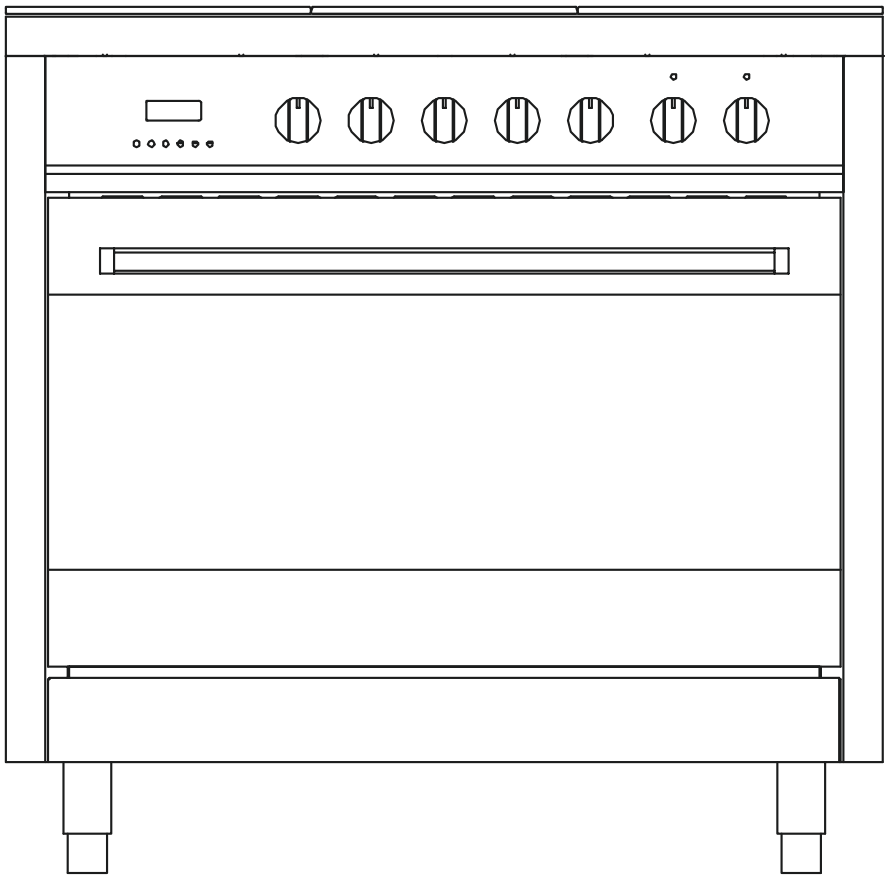
Russell Hobbs®

# USER MANUAL



## FREESTANDING COOKER

## Model : RHFSGEC90SS

Dear Customer:

Thank you for choosing our product.

This appliance is easy to use; please read this manual carefully before installing and using the appliance. The correct indications in the manual are for the best installation, use and care of the appliance.

You will find that the clean lines and modern look of your oven blends in perfectly with your kitchen decor. The oven is easy to use and performs to a high standard.

We also make a range of products that will enhance your kitchen - such as cook tops, Range hoods, built- in hobs, built- in ceramic hobs and built- in ovens. These are models to complement your new oven.

We make every effort to ensure that our products meet all your requirements. Our customer relations department is at your disposal to answer all your questions and to listen to all your suggestions.

Please complete the warranty section of this manual and keep your receipt as proof of purchase.
Also please retain all documents related to the purchase of the product.

We are committed to provide increasingly efficient products that are easy to use, respect to environmentally friendly, attractive and reliable.

Service Information:

If you experiencing problems with your Russell Hobbs appliance please contact your nearest store or contact our customer care department on our toll free number 0123300287

# *FOR YOUR SAFETY*

## This appliance is adjusted to operate on LPG and NG as per the rating label on the unit .

**IF YOU SMELL GAS:**

- Turn off gas supply at bottle
- Extinguish all naked flames;
- Do not operate any electrical appliances
- Ventilate the area
- Check for leaks as detailed in this manual

If odour persists, contact your dealer or gas supplier immediately

**BURN-BACK (FIRE IN BURNER TUBE OR CHAMBER)**

In the event of a burn-back, where the flame burns back to the jet, immediately turn off the gas supply at the control valve on the panel. After ensuring the flame is extinguished, re-light the appliance in the normal manner. Should the appliance again burn back, close the control valve and call a service technician. Do not use the appliance again until the service technician has declared that it is safe to do so.

**GAS-PRESSURE REGULATOR**

This appliance requires an operating pressure of 2,8 kPa at the appliance. A suitable LPG regulator that complies with the requirements of SANS 1237 must be installed.

**IMPORTANT INFORMATION FOR THE USER**

**This appliance may only be installed by a registered LP Gas installer**. All registered installers are issued with a card carrying their registration number. Ask to be shown the card before allowing the installation work to commence and make a note of the Installer QCC number. Upon completion of the installation, the installer is required to explain the operational details of the appliance together with the safety instructions. You will be asked to sign acceptance of the installation and be provided with a completion certificate. You should only sign for acceptance of the installation when the installation is completed to your satisfaction.

Note that your invoice is required in the event that you wish make a guarantee claim.

**IMPORTANT INFORMATION FOR THE INSTALLER.**

This appliance may only be installed by a LP gas installer registered with the Liquefied Petroleum Gas Association of Southern Africa. The appliance must be installed in accordance with the requirements of SANS 10087-1 and any fire department regulations and/or local bylaws applicable to the area. If in doubt check with the relevant authority before undertaking the installation. Upon completion of the installation you are required to fully explain and demonstrate to the user the operational details and safety practices applicable to the appliance and the installation.

WARNING :

Any modification will void the guarantee .

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# CAUTIONS:

- This appliance shall be installed in accordance with the regulations in force and only used in a well ventilated space. Read the instructions before installing or using this appliance.
- Very important: keep this instruction booklet with the appliance for handy references
- This appliance is designed for use in private home. Please be aware that the front accessory could be not to touch.
- This appliance is not intended for use by young children .
- Don't touch the heating elements inside the oven.
- When the grill is on all the accessible elements are hot, hence, keep children away from these elements.
- This appliance shall be installed only by authorised persons and in accordance with the manufacturer's Installation instructions, local gas fitting regulations, municipal building codes electrical wiring regulations,and local water supply regulations.
- Before switching the appliance on check that it is correctly regulated for the type of gas available (see relevant section).

Do not use jet of steam for cleaning.

- Before maintenance or cleaning, disconnect the appliance from the mains and wait for it to cool down.
- When the burners are lit check that the flame is always regular. Before removing the saucepans turn the burners off.
- Servicing should be carried out only by authorised personnel.
- The use of a gas appliance produces heat and humidity in the room . Make sure that the room is well ventilated, keeping the natural ventilation outlets open or installing a ventilation hood with rain duct.
- If a gas appliance is used for a long time it may require extra ventilation (opening a window or increase the volume of exhaust).
- Never line the oven with aluminium sheets as the slots preset for keeping fast the thermic exchange may clog, thus damaging the enamel.
- Be careful not to place saucepans with unstable or deformed bottoms on the burners to avoid overturning or spilling .
- If the mains of a burner is turned off accidentally, turn off the control knob. Only light the oven again after waiting at least a Minute.

Before using the oven, we suggest to:

- Remove all the special film covering the oven door glass (when provided)
- Heat the empty oven at max. Temperature for 45 minutes (to remove unpleasant smell and smoke caused by working residues and by the thermal insulation)
- Carefully clean inside the oven with soapy water and rinse it .

- For any repairs always contact an authorised Technical Customer Service Centre and ask for original spare parts. Repairs by untrained people can lead to damage.
- Keep packaging out of reach of children at all times.
- Always use oven gloves to remove and replace food in the oven. Ensure that you support the grill pan when removing it from the oven.
- Don't let children sit down or play with the oven door.Do not use the drop down door as a stool to reach cabinets above.

- DO NOT SPRAY AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHILE IT IS IN OPERATION.
- DO NOT STORE OR USE FLAMMABLE LIQUIDS OR ITEMS IN THE VICINITY OF THIS APPLIANCE.
- WHERE THIS APPLIANCE IS INSTALLED IN MARINE CRAFT OR IN CARAVANS, IT SHALL NOT BE USED AS A SPACE HEATER .
- Do not remove the plup by pulling the cable.

WARNING: In order to prevent tipping of the appliance, this stabilizing means must be installed. Refer to the instructions for installation.During use the appliance becomes hot. Care should be taken to avoid touching heating elements inside the oven.

WARNING: Accessible parts may become hot during use. Young children should be kept away.
Do not use harsh abrasive cleaners or sharp metal scrapers to clean the oven door glass since they can scratch the surface, which may result in shattering of the glass. This appliance is not intended for use by persons (including children) with reduced physical,sensory or mental capabilities, or lack of experience and

knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.Children should be supervised to ensure that they do not play with the appliance.

- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard. In the event of burner flames being accidentally extinguished,turn off the burner control and do not attempt to re-ignite the burner for at least 1 min.
- Note:These instructions are only valid if the country symbol appears on the appliance. If the symbol does not appear on the appliance, it is necessary to refer to the technical instructions which will provide the necessary instructions concerning modification of the appliance to the conditions of use of the country Gas appliance

Warning:

**Never use the food-warmer drawer set at the bottom of the range to store inflammable substances or matters that cannot withstand heat such as: Wood, paper, spray cans, rags, etc.**

This electric appliance complies with the following directives:

-89/336/EEC (electromagnetic compatibility)
-89/109/EEC (foodstuffs)
-73/23/EEC + 93/68/EEC (low voltage)
-2009/142/EC ( Gas Appliance Directive)

# Instructions for Installation

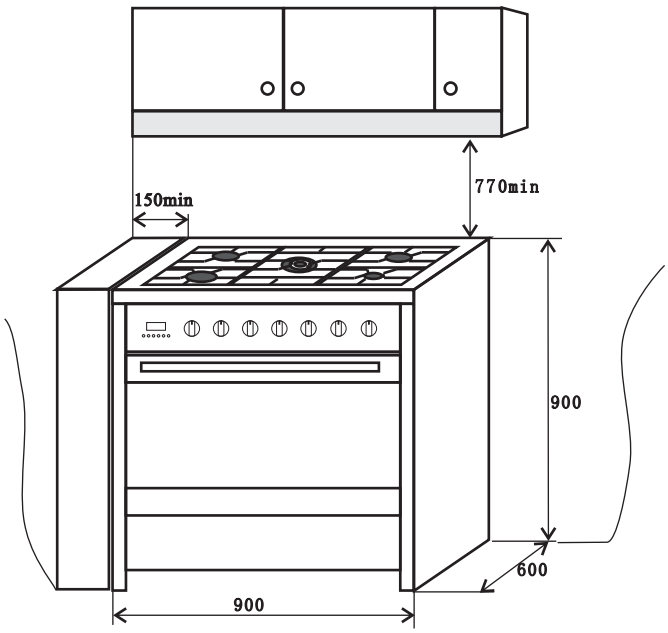
DIMENSIONS AND INSTALLATION FEATURES

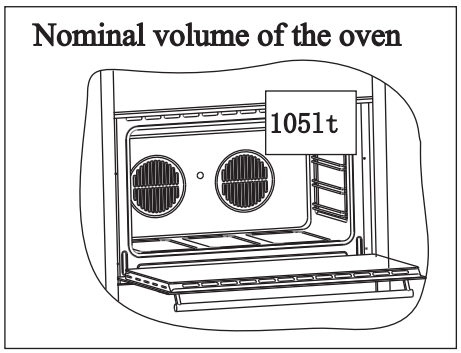
Warning:

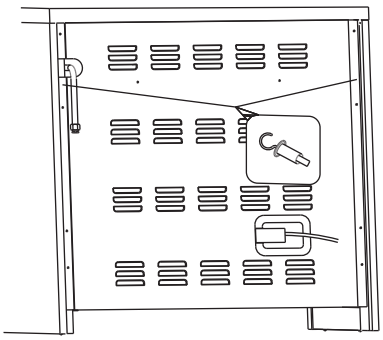
a) Prior to installation, ensure that the local distribution conditions (nature of the gas and gas pressure) and the adjustment of the appliance are compatible；

b)The adjustment conditions for this appliance are stated on data plate；

c) This appliance is not connected to a combustion products evacuation device. It shall be installed and connected in accordance with current installation regulations. Particular attention shall be given to the relevant requirements regarding ventilation.



The cooker is supplied with an anti-tilting chain to prevent the appliance from tilting forward and accidental damage to the gas pipe. Take the expansion with hook and make an adequate hole in the wall behind, at the same height as the chain fixing area. Insert the plug into the hole and then screw in the hook until it is firmly fixed to the wall. Fix the chain to the hook. Adjust to level of the cooker inserting the feet provided.

For a situation where the appliance is between two cupboards and the anti tilt chain cannot be fitted we suggest securing by screwing through the both sides of the cupboards into the sides of the cooker. The screws should be
fitted as follows. Position the oven between the cupboards in it's final position, then mark the location of the pilot hole inside the cupboard. Refer to the diagram below for the location of the pilot hole. Use 3.5mm diameter drill bit to drill the pilot hole through the cupboard and both sides of the cooker. Before drilling, check your measurements to ensure the pilot holes are located within the range specified in the diagram. A drilled hole in the
side of the cooker which is outside the range specified may void the warrantee. Inspect cupboards thoroughly before drilling to avoid damage to electrical wires or gas lines. Fix two 12 gauge x 40mm long self tapping screws through the pilot holes inside both cupboards and into the side of the cooker.

Note! Screw length is based on cupboard thickness of 20mm, gap between cupboard and oven of 10mm. Screw length could vary depending on cupboard material thickness and gap between oven and cupboards.

Note! The screws must be accessible for removal if the cooker requires service. Cupboards must not be built over these screws.

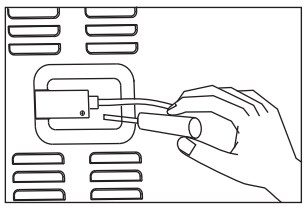
**Equipment type:** free standing (class 1)
Insulation class: class 1

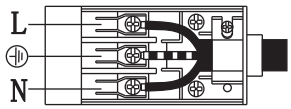
THE MANUFACTURER DECLINES ANY AND ALL RESPONSIBILITIES FOR DAMAGES TO THINGS OR INJURIES TO PERSONS OR ANIMALS DERIVING FROM INCORRECT INSTALLATION OR USE OF THE EQUIPMENT.

# ELECTRICAL CONNECTION

The appliance is fitted with an approved 15 Amp flexible cord and plug which must be connected to a correctly earthed socket outlet. The manufacturer is not liable for any direct or indirect damage caused by faulty installation or connection. It is therefore necessary that all installation and connection operations are carried out by qualified personnel complying with the local and general regulations in force.

The wire section on the cable must not be less Than1.5mm$^2$(3×1.5cable).Use only the special cables available at our service centers.

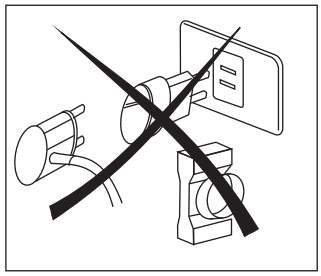





CONNECTION OF THE FEEDING CABLE TO THE MAINS

Connect the feeding cable to a plug suitable for the load indicated on the rating plate of the product. In case of a direct connection to the mains (cable without plug), it is necessary to insert a suitable omnipolar switch before the appliance, with minimum opening between contacts of 3 mm (the grounding wire should not be interrupted by the switch).

Before connecting to the mains, make sure that:



- The electrical counter, the safety valve, the feeding line and the socket are ade quate towithstand the maximum load required(see rating plate).
- The supply system is regularly grounded, according to the regulations in force.
- The socket or the omnipolar switch can easily be reached after the installation of the oven.
- After carrying out the connection to the mains, check that the supplying cable does not come into contact with parts subject to heating.
- Never use reductions, shunts, adaptors which can cause overheating or burning.

The manufacturer is not liable for any direct or indirect damage caused by faulty installation or connection. It is therefore necessary that all installation and connection operations are carried out by qualified personnel complying with the local and general regulations in force.

Electrical features

| | |
|---|---|
| Oven light | 2× 25W |
| Spit motor | 4W |
| Upper heating element | 2200W |
| Bottom heating element | 1800W |
| Grill heating element | 2900W |
| Circular heating element | 2×1600W |
| Ventilator motor | 2×30W |
| Cooling fan | 11W |

This appliance shall be installed only by authorised persons and in accordance with the manufacturer's installation instructions, local gas fitting regulations, municipal building codes, electrical wiring regulations, local water supply regulations.

Ventilation

In general, the appliance should have adequate ventilation for complete combustion of gas, proper flueing and to maintain temperature of immediate surroundings within safe limits.

Combustible Surfaces

Any adjoining wall surface situated within 200mm from the edge of any hob burner must be a suitable non-combustible material for a height of 150mm for the entire length of the hob. Any combustible construction above the hotplate must be at least 600mm above the top of the burner and no construction shall be within 450mm above the top of the burner. Zero clearance is permitted on side and rear adjoining surfaces below the hob.

Gas connection

The appliance must be connected to the gas supply or the cylinder according to the specifications of the standards and after checking that it is adjusted for the type of gas available.

The gas connection is male 1/2″ BSP and is situated 55mm from the right and 560mm from the floor. It's necessity of changing the flexible tube whenthe national conditions require it. There are two ways to carry out the connection to the main gas line:

A. The Cooker can be connected with the cuprum material . Loosen the tie-in down and connect one terminal of the pipe with the gas elbow

between 1 - 1.2m long. The hose should not be subjected to abrasion, kinking or permanent deformation and should be able to be inspected along its entire length. Unions compatible with the hose fittings must be used and connections tested for gas leaks. The flexible tube shall be fitted in such a way that it cannot come into contact with a moveable part of the housing unit (e.g. a drawer)and does not pass through any space susceptible of becoming congested .The fixed consumer piping outlet should be at approximately the same height as the cooker connection point, pointing downwards and approximately 150mm to the side of the cooker. The hose should be clear of the floor when the cooker is in the installed position. Fix one end of the chain on the screw next to the gas inlet connection and the other end should be anchored to the floor/wall so that the chain prevents strain on the hose connections when he cooker is pulled forward.
The appliance is factory set for Natural gas. The test point pressure should be adjusted to 20mbar with the Triple ring burner operating at maximum.
The appliance is set up to operate with the gas specified on the gas type label placed on the back of the appliance.
To perform these operations the qualified installer will follow the indications given in the "Adaptation to the various types of gas" section. For safer operation make sure that the supply pressure respects the values given in the "Table of burner and injector characteristics".
If installing for use with LPG gas, ensure a gas regulator suitable for a supply pressure of 29mbar is part of the gas tank supply and the test point pressure is adjusted to 29mbar .

If installing for use with TG gas, ensure a gas regulator suitable for a supply pressure of 8mbar is part of the gas tank supply and the test point pressure is adjusted to 8mbar .

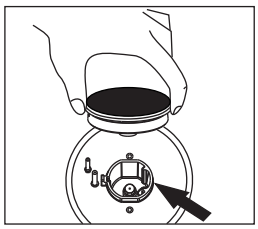
Once the appliance has been installed, make sure that the gas pipe is neither squashed or damaged by moving parts.

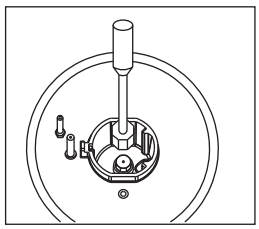
Before Leaving - Check all connections for gas leaks with soap and water. DO NOT use a naked flame for detecting leaks. Ignite all burners both individually and separately to ensure correct operation of gas valves, burners and ignition. Turn gas taps to low flame position and observe stability of the flame for each burner individually and separately. When satisfied with the operation of the cooker, please instruct the user on the correct method of operation. In case the appliance fails to operate correctly after all checks have been carried out, refer to the authorised service provider in your area.

Adaptation to different types of gas
When converting from Universal LPG to Natural Gas ensure that the LPG test point is removed and replaced with the CE Approved NG Regulator supplied in this kit. The test point pressure must be adjusted to 20mbar with the largest burner operating on maximum flame.

When converting from Natural Gas to Universal LPG ensure that the NG regulator is removed and replaced with the Test Point Assembly supplied in this kit. An CE Approved gas regulator suitablefor a supply pressure of 29mbar should be part of the gas tank supply and the test point pressure must be adjusted to 29mbar.

To adapt the appliance to a gas different from that for which it was set up (see gas type label inside the warming compartment door) proceed as follows:

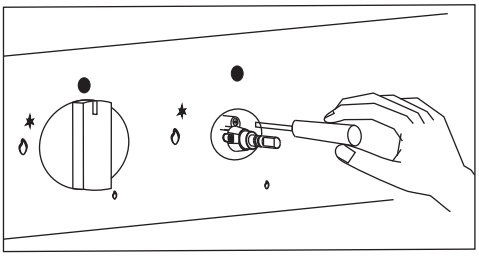




- remove the grids
- remove the burners caps and burner heads
- with a 7 mm socket spanner unscrew and remove the injectors.
- replace the injectors with those supplied corresponding to the gas available (see burner and injector characteristics Table)
- replace the various parts proceeding in reverse.

When converting from Natural Gas to LPG ensure that theNG regulator is removed and replaced with the Test Point Assembly. A gas regulator suitable for a supply pressure of should be part of the gas tank supply and the test point pressure should be adjusted to the pressure according to the data plate.

Setting the minimum flame
The flame on the small output is regulated by the factory. When the injectors have been replaced or there are special mains pressure conditions, it may be necessary to regulate the minimum flame again. The operations necessary to set the minimum flame are as following:



- light the burner ;
- turn the knob to the minimum position ;
- take out the knob (and gasket if there is one) ;

- LPG TO NG:Use a thin blade screwdriver to turn the by-pass screw located above left of the gas valve,shaft as shown right. Turn gently the by-pass screw clockwise to the end completely then turn it anti-clockwise 1 turn for the Triple ring,7/8 turn for the Fish,3/4 turn for the Rapid,1/2 turn for the Semi-Rapid and 3/8 turn for the Auxiliary .
- NG TO LPG: Use a thin blade screwdriver to turn the by-pass screw located above left of the gas valve shaft as shown right.Turn gently the by-pass screw clockwise to the end.

- LPG TO TG:Use a thin blade screwdriver to turn the by-pass screw located above left of the gas valve,shaft as shown right. Turn gently the by-pass screw clockwise to the end completely then turn it anti-clockwise $4\frac{1}{2}$ turn for the Triple ring, $1\frac{7}{8}$ turn for the Fish, $1\frac{3}{4}$ turn for the Rapid, $1\frac{1}{2}$ turn for the Semi-Rapid and $1\frac{3}{8}$ turn for the Auxiliary .
- TG TO LPG: Use a thin blade screwdriver to turn the by-pass screw located above left of the gas valve shaft as shown right.Turn gently the by-pass screw clockwise to the end.

- NG TO TG:Use a thin blade screwdriver to turn the by-pass screw located above left of the gas valve,shaft as shown right. Turn gently the by-pass screw clockwise to the end completely then turn it anti-clockwise $3\frac{1}{2}$ turn for the Triple ring, 1 turn for the Fish, 1 turn for the Rapid, 1 turn for the Semi-Rapid and 1 turn for the Auxiliary .
- TG to NG:Use a thin blade screwdriver to turn the by-pass screw located above left of the gas valve,shaft as shown right. Turn gently the by-pass screw clockwise to the end completely then turn it anti-clockwise $3\frac{1}{2}$ turn for the Triple ring, 1 turn for the Fish, 1 turn for the Rapid, 1 turn for the Semi-Rapid and 1 turn for the Auxiliary .

- put the knob back on and turn it quickly from the maximum position to the minimum position, checking that the flame does not go out ;
- for burners with safety valve make sure that the regulation obtained is sufficient to maintain heating of the thermocouple. If it is not, increase the minimum

THE BURNERS REQUIRE NO REGULATION OF THE PRIMARY AIR.

ABNORMAL OPERATION
ANY OF THE FOLLOWING ARE CONSIDERED TO BE ABNORMAL OPERATION AND MAY REQUIRE SERVICING:

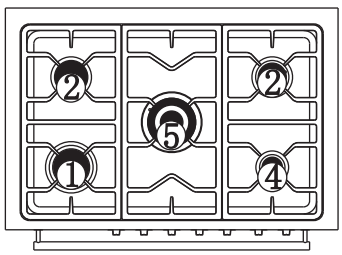
- Yellow tipping of the hob burner flame.
- Sooting up of cooking utensils.
- Burners not igniting properly.
- Burners failing to remain alight.
- Burners extinguished by oven door.
- Gas valves, which are difficult to turn.

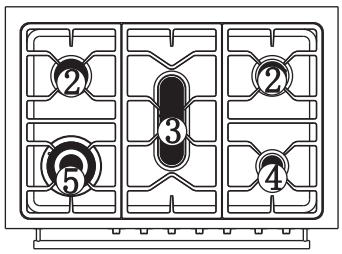
IN CASE THE APPLIANCE FAILS TO OPERATE CORRECTLY, CONTACT THE AUTHORISED SERVICE PROVIDER IN YOUR AREA.

Burner and injector characteristic table Burner and injector characteristic table

| | Burner | By pass mm | Consumption(*) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | LPG | | | | | | | |
| | | | I3B/P(30) | | I3+(28-30/37) | | | | I3B/P(50) | |
| | | | G30 | | G30 | | G31 | | G30 | |
| | | | Input kw(g/h) | Main Injector mm | Input kw(g/h) | Main Injector mm | Input kw(g/h) | Main Injector mm | Input kw | Main Injector mm |
| 1 | Rapid | 0.44 | 3.0(218) | 0.85 | 3.0(218) | 0.85 | 3.0(214) | 0.85 | 3.0 | 0.75(S) |
| 2 | Semi-rapid | 0.34 | 1.75(127) | 0.65 | 1.75(127) | 0.65 | 1.75(125) | 0.65 | 1.75 | 0.58(M) |
| 3 | Fish/BBQ | 0.64 | 2.8(203) | 0.85 | 2.8(203) | 0.85 | 2.8(200) | 0.85 | 2.8 | 0.70(X) |
| 4 | Auxiliary | 0.29 | 1.0(72.7) | 0.50 | 1.0(72.7) | 0.50 | 1.0(71) | 0.50 | 1.0 | 0.43(H2) |
| 5 | Triple ring | 0.64 | 3.7(269) | 0.95(F4) | 3.7(269) | 0.95(F4) | 3.7(264) | 0.95 | 3.7 | 0.76(F4) |
| Test point pressure | | | G30: 29mbar | | G30: 29mbar<br>G31:37mbar | | | | G30:50mbar | |

| | Burner | By pass mm | Consumption(*) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Natural gas | | | | Town gas | |
| | | | I 2H | | I 2L | | I 1a | |
| | | | G20 | | G25 | | G110 | |
| | | | Input kw | Main Injector mm | Input kw | Main Injector mm | Input kw | Main Injector mm |
| 1 | Rapid | 0.44 | 3.0 | 1.18(Y) | 3.0 | 1.21(F2) | 3.0 | 2.6(3) |
| 2 | Semi-rapid | 0.34 | 1.75 | 0.97(Z) | 1.75 | 0.94(Y) | 1.75 | 1.9(2) |
| 3 | Fish/BBQ | 0.64 | 2.8 | 1.15(Y) | 2.8 | 1.21(F2) | 2.8 | 2.6(14) |
| 4 | Auxiliary | 0.29 | 1.0 | 0.72(X) | 1.0 | 0.72(F1) | 1.0 | 1.45(1) |
| 5 | Triple ring | 0.64 | 3.7 | 1.40(S) | 3.7 | 1.42(K) | 3.7 | 3.5(13) |
| Test point pressure | | | G20:20mbar | | G25:25mbar | | G110:8mbar | |




(*) = With dry gas and with greater calorific power (Hs ) at 15  and 1013.26 mbar

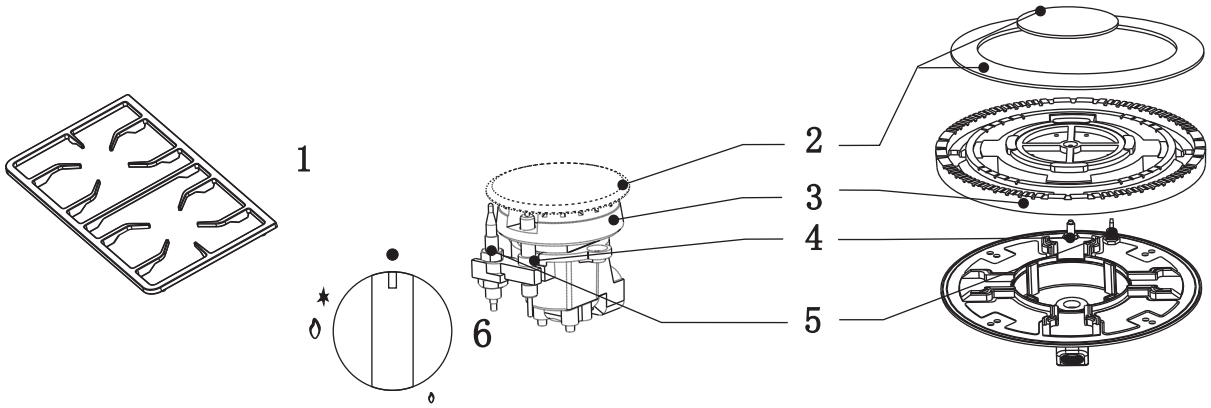
| Model | TOTAL HEAT:INPUT(Hs:(Qn) |
|---|---|
| F965TFS*** | 11kW |
| F965TMS*** | 11.2kW |
| F965TLS*** | 11.2kW |
| F965T2S*** | 11.9kW |
| F965T3S*** | 14.6kW |
| F965FS*** | 10.3kW |

| Country of destination | | II1a2H | II2H3B/P | II2H3+ | II2H3P | II2L3B/P | II2L3P | II2E3B/P | II2E+3+ |
|---|---|---|---|---|---|---|---|---|---|
| Austria | AT | | * | | | | | | |
| Belgium | BE | | | | | | | | * |
| Denmark | DK | * | * | | | | | | |
| Finland | FI | | * | | | | | | |
| France | FR | | | | | | | | * |
| Germany | DE | | | | | | | * | |
| Greece | GR | | * | * | * | | | | |
| Iceland | IS | | | | | | | | |
| Ireland | IE | | | * | * | | | | |
| Italy | IT | * | | * | | | | | |
| Luxembourg | LU | | | | | | | | |
| Netherlands | NL | | | | | * | * | | |
| Norway | NO | | | | | | | | |
| Portugal | PT | | | * | | | | | |
| Spain | ES | * | | * | * | | | | |
| Sweden | SE | * | * | | | | | | |
| Switzerland | CH | * | * | * | * | | | | |
| United Kingdom | GB | | | * | * | | | | |

# Instructions for Use

(gas cooking top side)
Description of the main parts of the appliance

Waring:
1 This appliance shall be installed in accordance with the regulations in force and only used in a well ventilated space（e.g. DO not use the appliance in the carbarn,basement and the room without windows, etc) Read the instructors before installing or using this appliance.
2 The use of a gas cooking appliance results in the production of heat and moisture in the room in which it is installed. Ensure that the kitchen is well ventilated: keep natural ventilation holes open or install a mechanical ventilation device (mechanical extractor hood).
3 Prolonged intensive use of the appliance may call for additional ventilation, for example opening of a window,or more effective ventilation, for example increasing the level of mechanical ventilation where present.



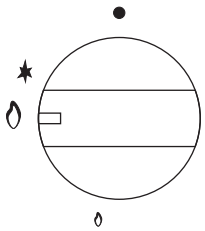

1 = grid
2 = burner cap
3 = burner head
4 = spark plug
5 = safety valve (for models equipped with a safety valve)

# DESCRIPTION OF SYMBOLS

FRONT LEFT BURNER
FRONT CENTRAL BURNER
CENTRAL BURNER
REAR LEFT BURNER
REAR CENTRAL BURNER
ELECTRIC OVEN THERMOSTAT
FRONT RIGHT BURNER
LEFT CENTRAL BURNER
ELECTRIC OVEN FUNTION KNOB
REAR RIGHT BURNER
RIGHT CENTRAL BURNER

IGNITION AND OPERATION OF THE BURNERS

In order to ignite a burner, it is necessary to depress the knob while rotating it anti-clockwise, till the index is aligned with the position corresponding to the maximum gas delivery (i.e. the large flame symbol). As far as the models equipped with a safety valve are concerned, once the flame is lit hold the knob depressed for about 3-4 seconds till the device keeps the burner automatically lit. If the burner fails to ignite,wait one minute for the gas to dissipate before attempting to reignite. At this moment it is possible to adjust the flame intensity by rotating the knob anticlockwise from Such maximum position to the minimum one (i.e. the small flame symbol).



In order to turn the burner off, rotate the knob clockwise bringing the index back to the position corresponding to the closure symbol ( ● ).

RECOMMENDATIONS

In case of electric power failure, it is necessary to carry out the above-described operations by putting a gas lighter or a flame near the burner (in such an event, pay the utmost attention not to burn yourself).

The safety valve (for models where such item is provided) intervenes in case of accidental flame failure, blocking the gas delivery (e.g.: air draughts, spillage of liquids, etc.).

In any case, the ignition device must not be actuated for longer than 15 seconds. Should the ignition manoeuvre fail, or should the burner be accidentally turned off, immediately close the actuation knob and repeat the ignition after one minute at least.

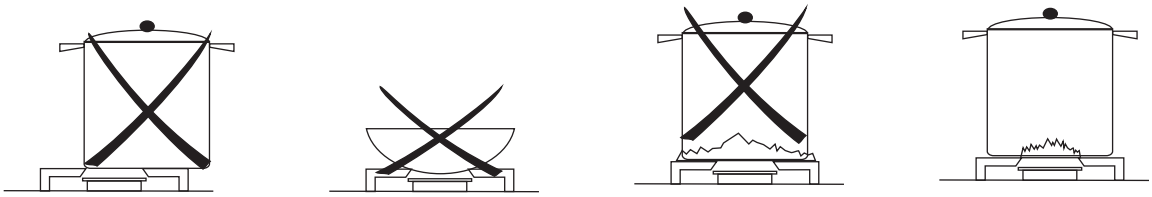
Once the ignition has taken place, adjust the flame according to your needs.

Advice on the use of gas burners

For lower gas consumption and a better yield, use saucepans with diameter suitable for the burners, avoiding the flame coming up round the side of the saucepan (see the Container Table). Use only flat-bottomed pans.

As soon as a liquid starts to boil, turn the flame down to a level sufficient to maintain boiling.

During cooking, when using fats and oils, be very careful because if they overheat they could catch fire.

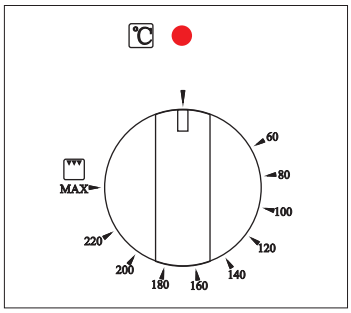


Container table (use flat-bottomed saucepans)

| Burner | ϕ min Saucepan (mm) | ϕ max Saucepan (mm) |
|---|---|---|
| Auxiliary | 90 | 160 |
| Semi-rapid | 130 | 180 |
| Fish pan | 310×140 | 380×230 |
| Rapid | 150 | 260 |
| Triple ring | 210 | 260 |

# Instructions for Use

**(oven side)**



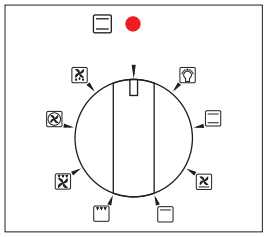

A

## ELECTRIC OVEN THERMOSTAT KNOB

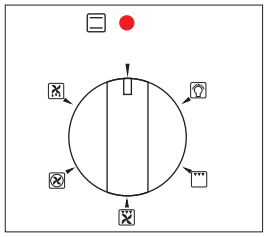
Selection of cooking temperature is carried out by turning the knob clockwise to the required temperature, between 60℃ and MAX . If the appliance is with an electric oven, the warning light will come on when the oven is heating up. When it goes out it means that it reaches the required temperature . Regular flashing means that oven temperature is being constantly maintained at the programmed level.

## ELECTRIC OVEN CONTROL KNOB

Each of the functions listed below can be used only together with the correct temperature.



8-Function



5-Function

B

The selector B and thermostat A control is used to select the various oven functions and to choose the cooking temperatures best corresponding to the food to be cooked. During oven operation the lamp will always remain on.

The lamp of the oven is on, with no heating elements operated (electrical resistances). During oven operation the lamp will always remain on

TRADITIONAL COOKING
THERMOSTAT SELECTOR SWITCH FROM 60℃ TO MAX
The heat is provided from the top and bottom elements. The oven must be preheated before the food is placed inside. Static cooking provides optimum results with: cakes, pizzas, bread and for gentle slow cooking of casseroles. Characteristics of static cooking: heat provided from above and below, cooking is possible only on middle shelf and should be centrally located in the oven.

DELICATE COOKING
THERMOSTAT SELECTOR SWITCH FROM 60℃ TO MAX
Ideal for pastries and cakes with wet covering and little sugar and damp desserts in moulds. Excellent results can also be achieved in completing cooking at the bottom and with dishes requiring heat in the Lower area in particular. The plate is best inserted at bottom level.

TOP OVEN COOKING
THERMOSTAT SELECTOR SWITCH FROM 60℃ TO MAX
Top oven - Use for brown food at the end of cooking.

GRILL COOKING
THERMOSTAT SELECTOR SWITCH FROM 60℃ TO MAX
Grill Element - Use for toasting and melting cheese or browning. The cooking time should be no longer than 5 minutes. To operate,please select Full Grill Function along with the temperature.

FAN ASSISTED GRILL COOKING
THERMOSTAT SELECTOR SWITCH FROM 60℃ TO 200℃
Use of the Grill Element and Fan. Use for grilling meats, vegetables and poultry. Preheat oven, place food on grill rack in baking tray and place in the middle of the oven. Other food may be cooked underneath whilst grilling. The oven door must be closed for all cooking methods

FAN FORCED COOKING
THERMOSTAT SELECTOR SWITCH FROM 60℃ TO MAX
The circular heating element and fan come into operation and the heat is spread evenly to all shelf positions. Various types of food can be cooked on different shelves, naturally with the appropriate cooking times. The oven must be preheated before the foods are placed inside. Fan mode provides optimum results with: cakes (soft and thick), large quantities of foods and cooking various dishes simultaneously. To operate,please select Fan Forced function along with the temperature.

DEFROSTING

THERMOSTAT SELECTOR SWITCH ANY

The fan located on the bottom of the oven makes the air circulate at room temperature around the food .This is recommended for the defrosting of all types of food ,but in particular for delicate types of food which do not require heat such as for example:ice cream cakes,cream or custard desserts,fruit cakes.By using the fan,the defrosting time is approximately halved.In the case of meat,fish and bread,it is possible to accelerate the process using the "Fan forced"and setting the temperature to 80℃TO 10 0℃

The oven door must be closed for all cooking methods.

The turnspit(only available on certain models)

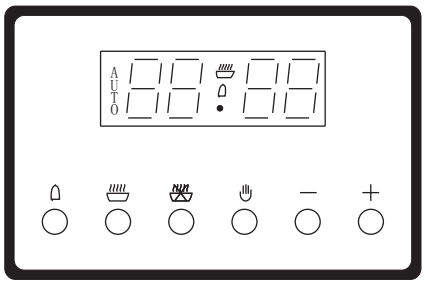
To start the turnspit,proceed as follows:

1 Place the oven tray on the 1st rack;

2 Insert the special turnspit support on the 2nd rack and position the spit by Inserting it through the speciai hole for the turnspit at the back of the oven;

3 Start the turnspit using electric oven control knob to select setting / / / .

## 6 BUTTON DIGITAL CLOCK




- Showing time(0:00-24:00)and minutes.
- The screen shows 3 flashing number and “AUTO”if the power is on .
- In order to set correct time ,Press the button fist ,then + or - button to carry forward backward the figure until the exact time shows.

Manual operation setting

Press the button to remove the flashing of “AUTO”.

If “AUTO”is gittering (automatic or semi automatic program has been set),Press button to remove “AUTO”and then the manual operation process is on.

Automatic setting(set the full automatic starting and ending)

1.Press button,set roast time.

2.Press button,set roast finish time.

3.Set tempeatures and roast modes by turning the thermostat knob and selector knob.

After the setting above, “AUTO”will be flashing,which means the roast process of the oven is set.

For example:if roast time takes 45mintes and expect it will end at 14:00.

Press the roast time is to be 45minutes;Press the roast is set to end 14:00.

After the above setting,the screen shows the real time(hour.minute)and flashing “AUTO”,it means the set roast process is memorized automatically.

When the clock turns to be 13:15(or between 13:14-13:15,the oven will start automatically in the roast time, and “AUTO”will be always flashing.

When the clock turns to be 14,the roast is done ,the alarm is ringing and flashing “ AUTO”.After pressing the button,the ringing will stop.

Semi-automatic setting(set the time of automatic starting and ending)

A.Set the time limit of roast(10 hours maximum):

Press the button to set the time of roast;The oven starts immediately, and “AUTO”will flash.After the roast is finished,the roast operation process will be shut automatically.Then “AUTO”flashing,the alarm Rings.The ring will stop by pressing the button.

B.Set the time of ending (23hours 59minutes maximum):

Press the button to set the time of ending;The oven starts immediately, and“AUTO ”will flash.When the set time of ending comes,the roast operation process will be shut automatically.Then “AUTO”flashs,the alarm rings. The ring will stop by pressing the button.

Whenever the related button is pressed,the set roast process will be seen.Whenever the button is pressed,and carry backward the time to “0”,the set roast process will be cancelled.

If button is pressed again,the oven will be in the manual operation process.

Timer:23hours 59minutes can be set as maximum.

When setting time,press the button,and then + or - button,until the required time shows on the screen.After the setting,the correct time(hour,minute)and the button will show on the screen and timing begins immediately.

Whenever the button is pressed,timing will be seen,When the set time reaches, the alarm will ring .The ringing will stop after pressing the button.

Notice:After pressing the related button,setting is supposed to be done in 5 seconds.In case of blackout,the set process as well as the real time(hour,Minute)will isappear.After the power is on again,three “0”and”AUTO”shows on the screen,this mean the oven has been automatically reset.

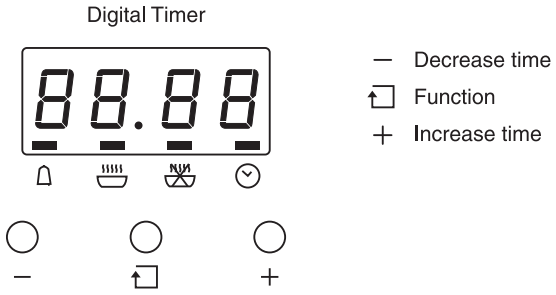
Cooling ventilation:In order to cool down the exterior of the appliance,the model is equipped with a cooling fan,which comes on automatically when the oven is hot.

When the fan is on,a normal flow of air can be heard exitting between the door and the controlpanel.

Note:When cooking is done,the fan stays on until the oven cools down sufficiently.

## 3 BUTTON DIGITAL CLOCK

This model has a digital display, 24hr clock with 3 control buttons. When the power is connected, the screen displays **'12:00'** and the bar above the ⏲ symbol.




### Adjusting the digital clock

To set the correct time, press the **+** or **-** button to advance forward or backward until the correct time is displayed. After 5 seconds it will start automatically or you can press the function button to make it work.

### Manual operation setting

Press the function button to select manual operation.

### Automatic setting

Automatic setting of the oven allows you to select the end time, cooking time, temperature and cooking mode. The oven will switch on, cook according to the selected cooking mode and temperature and then switch off automatically.

1. Press the function button repeatedly until the bar above flashes, then press + or - button to set the time frame for baking.
2. Press the function button repeatedly until the bar above flashes and then press + or - button to set the time to switch off.
3. Set cooking temperature and cooking mode by turning the thermostat knob and selector knob.

After these settings, the bars above and will flash,indicating that the automatic cooking feature of the oven is set.

**For example:** if cooking time takes 45 minutes and you want it to finish at 14:00:

1. Press the function button repeatedly until the bar above flashes and set the cooking time 45 minutes.
2. Press the function button repeatedly until the bar above flashes and set the finish time to 14:00.

After the above setting, the current time is displayed and the bars above and will flash indicating that the automatic cooking feature is set. When the clock displays 13:15, the oven will start cooking automatically. While cooking the bar will flash.

### Timer

The digital countdown timer can be set up to 23 hours and 59 minutes maximum.

To set the timer, press the function button repeatedly until the bar above 🔔 is displayed. Once the function button is released, the current time is displayed and the bar above 🔔 flashes. When the function button is pressed the remaining time is displayed. When the set time is reached, 🔔 disappears and the alarm will ring. To stop the alarm, press any button.

**Note:** After pressing the function button, timer settings should be done within 5 seconds.

In case of a power failure, all settings including the time display will be lost. When the power is returned, the bar above 🔔 and **'12:00'** will be displayed.

# Instructions for Cooking

OVEN COOKINGS

For a perfect cooking, it is necessary to pre-heat the oven to the preset cooking temperature. Only very fat meat can be placed into a cold oven. To minimse food splashes into the oven (which can produce smoke sometimes) deep baking dishes are recommended.Use instead highedged containers, preferably terracotta containers, put on the grate at about half the height of the oven. The table shows some examples of how to set the thermostat and the cooking time. The cooking times vary according to the type of food, its homogeneity and volume. We are sure that, after a few endeavours, the experience will suggest possible variations to the values shown on the table.

Practical hints to save energy

The oven can be switched off some minutes before cooking end; the residual temperature is enough to complete cooking. Open the oven door only when it is absolutely necessary; to check the cooking phase, look through the glass (the oven lamp is always on).

General Advice

The oven offers various kinds of heating:

- the traditional heating for the cooking of special roasts
- the fan forced heating for the cooking of cakes, biscuits and similar.

If the fan forced cooking is chosen, it is recommended to take advantage of it.Hence, cooking or roasts on more shelves is recommended to save time and energy.

Fan Assisted

A continuous circulation of warm air is created, which allows food to be placed and cooked on different shelves at the same time. The oven will reach the preset temperature in a very short time.

Traditional cooking

This is especially suitable for the cooking of meats/poultry that requires long, slow cooking as well as for the cooking of bread and sponge cakes. It is advisable to place the food to be cooked into the oven when the right cooking temperature is reached, that is to say when the pilot light of the thermostat estinguishes.

Grill cooking

Delete, pre-heat the oven for about 5 minutes. During grill operation the heat comes from above; it is based on the infrared radiation and is fit for low thickness meat and for toasts. The meat and the fish to be grilled are to be slightly oiled and always placed on the grate; this is to be arranged on the nearest or on the farthest guide from

the grill element, according to the thickness of the meat to be cooked. The table shows some examples of cooking times and food positions. The cooking times vary according to the type of food, its homogeneity and volume.

Cooking pastry

The air circulation of the oven assures an instantaneous and uniform heat distribution. The pre-warmed of the oven is no longer necessary. However for specially delicate pastry the oven can be pre-warmed. More trays can be inserted into the oven together with the pastries, taking care not to use the first grid starting from above.

Gratinating

By this term is meant the surface alteration of food, often pre-cooked, when, after being introduced into the oven, it takes a golden-brown and crisp aspect.¡Gnocchi alla romana¡,¡ polenta pasticciata" rice, lasagnas, noodles and vegetables dressed with bechamel are typical preparation for this type of cooking.

Cooking times

The table shows some examples for the adjustment of the thermostat and of the cooking time. The cooking times can vary according to the type of food, and volume. We are sure that, after a few endeavours, the experience will suggest possible variations to the values shown on the table.

REMARK:

- The times indicated in the table refer to the cooking of one portion only; for more than one portion, the cooking times should be increased by 5 -10 minutes.

- TABLE OF COOKING TIMES

The table below provides indicative shelf positions for use with your oven. Please note,the temperature and cooking times are indicative only.According to different cooking habits, it may be necessary to make further modifications. Please add to The 15 minutes to the times indicated for preheating.

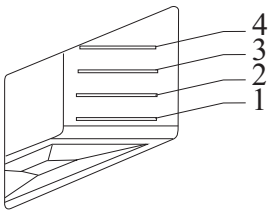
| Selector knob setting | Food to be cooked | Level from below | Temperature (℃) | Time in minutes(*) |
|---|---|---|---|---|
| Traditional cooking | **First courses** | | | |
| | Lasagne | 2-3 | 210-230 | 30 |
| | oven-baked pasta | 2-3 | 210-230 | 40 |
| | **MEAT** | | | |
| | Roast veal | 2 | 175-200 | 30-40/kg |
| | Roast beef | 2 | 210-240 | 30-40/kg |
| | Roast pork | 2 | 170-200 | 30-40/kg |
| | Chicken | 2 | 170-200 | 45-60 |
| | Duck | 2 | 170-200 | 45-60 |
| | Goose-turkey | 2 | 140-170 | 45-60 |
| | Rabbit | 2 | 170-200 | 50-60 |
| | Leg of lamb | 1 | 170-200 | 15/kg |
| | **Roast fish** | 1-2 | 170-200 | According to dimensions |
| | **Pizza** | 1-2 | 210-240 | 40-45 |
| | **DESSERTS** | | | |
| | Meringue | 1-2 | 50-70 | 60-90 |
| | Short pastry | 1-2 | 170-200 | 15-20 |
| | Ciambella | 1-2 | 165 | 35-40 |
| | Savoyards | 1-2 | 150 | 30-50 |
| | Brioches | 1-2 | 170-200 | 40-45 |
| | Fruit cake | 1-2 | 170-200 | 20-30 |
| | Browing food to perfect cooking | 3-4 | 15 | 220 |

(*) With preheated oven

| Selector knob setting | Food to be cooked | Level from below | Temperature (℃) | Time in minutes |
|---|---|---|---|---|
| Fan forced cooking | **First courses** | | | |
| | Lasagne | 2 | 190-210 | 20-25 |
| | Oven-baked pasta | 2 | 190-210 | 25-30 |
| | Creole rice | 2 | 190-220 | 20-25 |
| | **MEAT** | | | |
| | Roast veal | 2 | 150-170 | 65-90 |
| | Roast pork | 2 | 150-160 | 70-100 |
| | Roasted beef | 2 | 160-170 | 65-90 |
| | Fillet of beef | 2 | 160-180 | 35-45 |
| | Fillet lamb | 2 | 130-150 | 100-130 |
| | Roast beef | 2 | 170-180 | 40-45 |
| | Roast chicken | 2 | 170 | 70-90 |
| | Roast duck | 2 | 160-170 | 100-160 |
| | Roast turkey | 2 | 150-160 | 160-240 |
| | Roast rabbit | 2 | 150-160 | 80-100 |
| | Roast hare | 2 | 160-170 | 30-50 |
| | Roast pigeon | 2 | 140-170 | 15-25 |
| | **Fish** | 2-3 | 150-170 | According to dimensions |
| | **Pizza** | 2-3 | 210-240 | 30-50 |
| | **DESSERTS(PASTRIES)** | | | |
| | Ciambella | 2-3 | 150-170 | 35-45 |
| | Fruit cake | 2-3 | 170-190 | 40-50 |
| | Sponge-cake | 2-3 | 190-220 | 25-35 |
| | Brioches | 2-3 | 160-170 | 40-60 |
| | Strudel | 1-2 | 150 | 25-35 |
| | Savoyard pudding | 2-3 | 160-170 | 30-40 |
| | Bread | 2-3 | 190-210 | 40 |
| | Toast | 1-2 | 220-240 | 7 |

| Selector knob setting | Food to be cooked | Level from below | Time in minutes | |
|---|---|---|---|---|
| | | | First surface | Second surface |
| Grilling | Pork chops | 4 | 7-9 | 5-7 |
| | Fillet of pork | 3 | 9-11 | 5-9 |
| | Fillet of beef | 3 | 9-11 | 9-11 |
| | Liver | 4 | 2-3 | 2-3 |
| | Veal Escalopes | 4 | 7-9 | 5-7 |
| | Half chicken | 3 | 9-14 | 9-11 |
| | Sausages | 4 | 7-9 | 5-6 |
| | Meat-balls | 4 | 7-9 | 5-6 |
| | Fish fillets | 4 | 5-6 | 3-4 |
| | Toast | 4 | 2-4 | 2-3 |

FAN OVEN




SHELF POSITIONS

## Maintenance and Cleaning

Do not use jet of steam for cleaning.
Before any operation disconnect the appliance electrically. Wash the enamelled parts with lukewarm water and detergent. Do not use abrasive products. Wash the burner spreader frequently with boiling water and detergent make sure to remove any deposits which could block the flame outlet. Rinse the stainless steel parts well with water and dry them with a soft cloth.
To clean the hob use slightly damp sponges and wiping cloths: if too much water is used it could penetrate the internal parts and damage electrical parts. The grids of the hob can be washed in the dishwasher.
For persistent stains use normal non-abrasive detergents, specific products commonly available on the market or a little hot vinegar. Clean the glass parts with hot water, avoiding the use of rough cloths.
Do not use stainless steel pads or acids for cleaning. To prevent lighting difficulties, carefully clean the lighting spark plugs regularly (ceramic and electrode).
Periodically if the knobs become difficult to turn, contact a qualified engineer to lubricate the taps.Contact a qualified engineer to deal with any other problems which may arise during use.

To keep the characteristics of brightness of the enamelled parts for a long time it is necessary to clean the oven after each cooking. Once the oven is cold, you will be able to easily remove the fat deposits by means of a sponge or a cloth damp with warm soapy water or a common detergent. Never use abrasive cloths or sponges, that could irreparably damage the enamel. On white ovens even the parts of the dash board such as handgrip and knob have to be cleaned each time because they may become yellow due to the emissions of fat vapours.

ALWAYS CLEAN THE APPLIANCE IMMEDIATELY AFTER ANY FOOD SPILLAGE.

TO MAINTAIN SAFE OPERATION, IT IS RECOMMENDED THAT THE PRODUCT BE INSPECTED EVERY FIVE YEARS BY AN AUTHORISED SERVICE PERSON.

Ovens with facility to lower grill for cleaning purposes

1 Warning:ensure that all controls are in the“OFF”position and wait the grill elementcooling.
2 Support the front of the grill element while you remove the knurled screw retaining the element.
3 Lower the front of the element carefully to the rest position.
4 When cleaning the oven make sure do not apply any forces to the grill element
5 When the cleaning is complete, carefully remove any cleaning chemicals and water from the grill element.
6 Carefully raise the front of the element into position and secure with the knurled screw.

NEVER USE THE OVEN WITH THE GRILL ELEMENT HANGING DOWN!
Important. In case of burners removal for cleaning purposes, we recommend to make sure that all parts are correctly positioned before igniting the burners again.

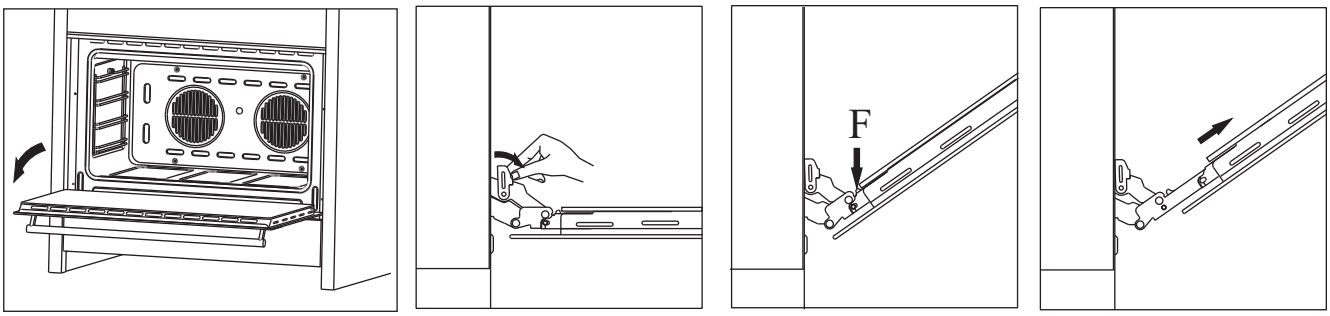
THE GRIDS OF THE COOKING PLANE ARE EQUIPPED WITH SUITABLE RUBBER PADS, ITS PURPOSE IS BOTH PROVIDING BETTER STABILITY AND AVOIDING SCRATCHES ON THE PLANE SURFACES DURING USAGE.

AFTER A POSSIBLE GRID REMOVAL FOR CLEANING AND/OR MAINTE-NANCE NEEDS,WE RECOMMEND TO VERIFY THE PRESENCE OF SUCH RUBBER PADS AND TO PUT THE GRIDS BACK IN THEIR ORIGINAL POSITION.

## Cleaning the oven door

Unhooking the doors.
For a more thorough clean,you have to remove the oven door.Choose the removal and assemble method according to different structure of oven door purchased.
Proceed as follows:

- Open the door fully;
- Lift up and turn the small levers located on the two hinges;
- Grip the door on the two external sides and close it approximately half way.Unlock the door by pressing on the clamps F,then pull the door towards you lifting it out of its seat.To replace the door,reverse this sequence.




Replacing the oven bulb
Once the oven has been electrically disconnected, unscrew the glass protection cap and the bulb, Always remember to use high temperatures (300/ E14) bulb for the oven. Reassemble the glass cap and reconnect the oven after replacing the bulb.